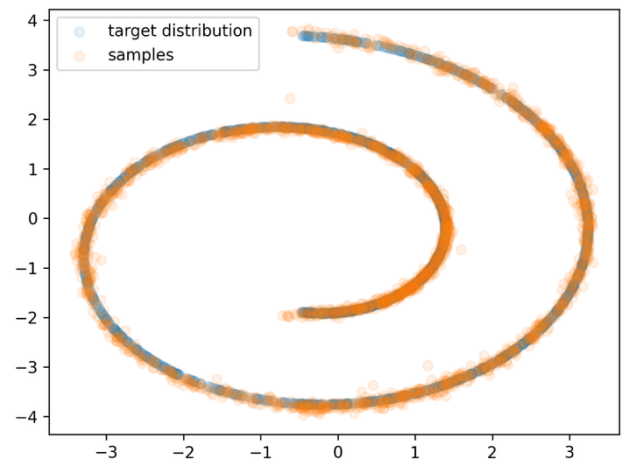
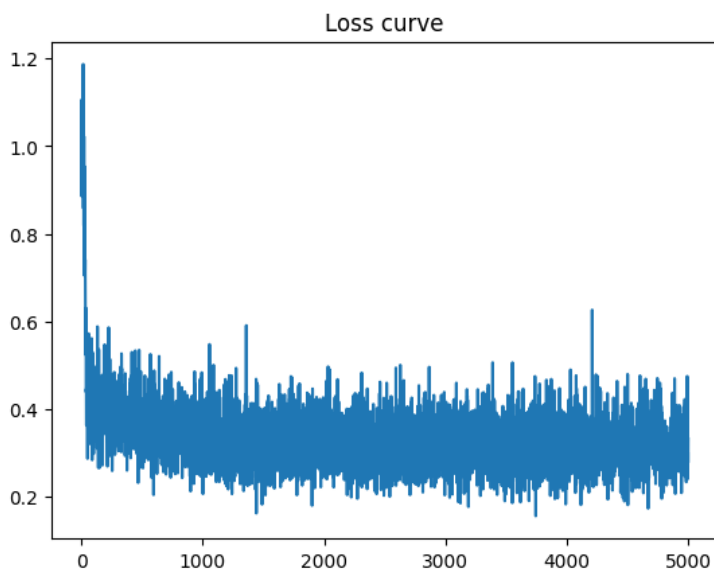


# Assignment 1

by Kasper Joergensen (studentID: 20246358)

## Task 1: 2D Plot Diffusion

Below I show the loss curve together with samples from the 2D distribution drawn through the trained DDPM model. The samples seem good and have a Chamfer Distance of 8.4.



DDPM Chamfer Distance: 8.4172

## Task 2: Image Diffusion

Below, I show 8 generated samples from my trained DDPM model. We can see that the generated images seem quite realistic, which is confirmed by a low FID score of 5.



Calculating FID given paths data/afhq/eval and results/diffusion-ddpm-09-09-083815/samples...  
FID: 5.006819500821845